		FY17-FY19 Student/Postdoc Fellows Projects	
LANL PI	LANL Org		University
ASTRO Patrick Harding P-23 Searching For Dark Matter in the Galactic Center with HAWC Mich State			
Kirk Flippo	P-24	Creating an Astrophysically Relevant Magnetic Dynamo in the	Mich State
тин тирро		Laboratory	Univ of Mich
Mark Paris	T-2	Quantum Effects on Cosmological Observables as a Probe of BSM	
		& Nuclear Physics CLIMATE	UCSD
Carmela	T-3	V	
Veneziani	<u> </u>	High-Resolution Earth System Model (ESM) Simulation SPACE	Texas A&M
Herb Funsten	ISR-1	Enabling Heliospheric Radiography: Proof of Concept for a	Internal
Milliam Davishton		Transformation Cosmic Ray Imager	U Wisc Madison
William Daughton	XTD-PRI	Kinetic Electron Dynamics of Asymmetric Reconnection GEO	U Wisc Madison
Youzuo Lin	EES-17	Next Generation Microseismic Event Detection	Univ Rochester
Satish Karra	EES-16	Enabling Kilometer-Scale Simulations of Thermo-Hydro-Mechano-	Only Rochester
		Chemical (THMC) Coupled Processes in Fractured Rock Masses	CU Boulder
		8 University Student Subcontracts and Internal Projects	1
LANL PI/ Univ PI	LANL Org	Title ASTRO	University
Hui Li/Shengtai Li		Planet Formation in the ALMA Era: When, Where, and How	Rice Univ
J Smidt/ A Cooray	,	Primordial Explosions and Black Holes: Direct and indrect	
	XTD-IDA	Signatures in deep Sky Image (gave only what was requested)	UC Irvin
Dubey/Riemer	EES-14	CLIMATE Scaling Missing State to Predict Properties of Carbonaceous	l
		aerosols: From Laboraotory to field to Climate Models	U of III
Chonggang Xu /	EES-14	Vegetation-insect Dynamics under global Warming (internal no	lest a mar a l
B. Aukema Elliott/Wingenter	CCS-2	longer Univ will be starting in March the \$ amount may change). Aspects of the Ocean-Ice-Aerosol System	Internal NMTech
Ben McMahon	T-6	Global Biosurvelliance: Global health signaturtes using Peregrine	NIVITCOIT
		Falcons	Internal
Y.Chen	ISR-1	SPACE Listen to the Canary: Understanding and Utilizing a Storm Precursor	
T.Onch	IOI (-1	in Low-Earth-Orbit	Internal
Delzanno/B.	T-5	Laboratory Validation of Electron Beam Emission Mediated by a	
Gilchrist Reeves/Hartinger	ISR-1	Plasma Contractor The Effect of ULF Wave Azimuthal Structure on the outer Radiation	U Mich
		Belt	Virginia Tech
S. Karrar/Archer		GEO Modeling Induced Seismicity	U of Auck
P. Johnson/C.	EES-17	Probing the Critical Stress State in Earth's Crust via Induced	O OI Auck
Marone		Seismicity and fluid Injection	Penn State
C. Rowe/E. Guardincerri	EES-127	3-D Mapping of Shallow Targets Using Microgravity and Cosmic Ray Muons	UNM
Odardincem		Intaly intuoris	JOININ
FY17 Emerging Ideas R&D projects			
LANL PI/ Univ PI	LANL Org	Title	
	I - -	ASTRO	1
Chengkun Huang T-5 Understanding Relativistic Astrophysical Particle Accerleration with an Imporved Particle-in Cell Method			
		CLIMATE	
Wilbert Weijer Sanna Sevanto	CCS-2 EES-14	Fast spin-up of passive tracers in a mildly-turbulent ocean 3D in situ nondestructive imaging of tree root structure with RF	
Sanna Sevanto	EES-14	signals	
		SPACE	
Andrew Walker	ISR-1	DREAM Capability Demonstration Utilizing Van Allen Probe Space	
Herb Funsten, A.	ISR-1	Environment Data IMAP-Hi The High Energy Neutral Atom Imager for the Interstellar	
Guthrie		Mapping and Acceleration Probe (IMAP)	
Artaches	EES-14	GEO Towards Resolving the Rare Earth Crisis: Acquiring	
Migdissov	LLO-14	Thermodynamic data required for Modelling of the Formation of the	
	EEC :=	TH-bearing monazites	
Ting Chen	EES-17	Physics-based rupture modeling induced seismicity	
FY17 Chick Keller Postdoc Fellows			
I ANI PostDos	I ANL Or		University
LANL PostDoc	LANL Org	CLIMATE	University
Danielle Marias	B-11	Impacts of root associates on plant drought tolerance and carbon	Oregon State
		sequestration	Univ
Monuti Mandana	EEC 40	GEO Reduced Order Models for Subsurface Sensing using Internet of	1
Maruti Mudunuru	EES-16	Reduced-Order Models for Subsurface Sensing using Internet of Things (IoT) Devices	Internal
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